

Enfield Clean Energy Newsletter

The Committee

The Enfield Clean Energy Committee is a Town Committee made up of Enfield Residents interested in promoting Clean Renewable Energy.

The team members:

Jeff Myjak—Chair
Ray Gwozdz - V. Chair
Virginia Higley
Steve Moriarty
Greg Mark
Doug Lombardi

LIAISONS :

Town Council:
Tom Kienzler
William (Red) Edgar

Staff:
Joel Cox

Interested in joining our team? Send a note to CleanEnergy@Enfield.org and we will send you an application.



Points:

When we reach 200 points, we will be 1 step closer to getting a 2kw solar system.

Each Clean Option purchase is worth 1 point. Each Solar or Geothermal system is worth 3points.

Clean Option Points	172
System Points	90
Total Points	262

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Horse Manure !!!

Concern over water contamination from improper manure disposal, as well as issues of other horse waste such as bedding and urine, have been discussed for years among the members of the conservation partnership--the NRCS, the Conservation Districts and the state's Council on Soil and Water Conservation. Connecticut ranks among the top three states for density of the horse population per square mile.

How much manure does a horse produce - between 35 and 50 pounds. With over 40 horses in Enfield, that is 2,000 pounds a day. What do farmers do with all this manure? Some go about it the wrong way - spreading it over fields.

The wrong way is piling manure on the ground to decompose, even temporarily if it's picked up by landscapers who may use it for compost. Worse yet is doing the same near water or with runoff angled towards water. Everything runs downhill so it is recommended placing manure on concrete pads, hard surfaces or even in metal trash cans that won't leach; keeping it relatively dry - it needs water for composting, but not very much; covering it for faster decomposition. Aside from manure issues can be breeding grounds for the mosquitoes that cause deadly eastern equine encephalitis.

There are many of easy things that can be done that have a high return on addressing issues



of pollution. One is to have it hauled away. Farmers are paying upwards of \$160 a ton to have the manure disposed of. Another is to recycle it - and that is exactly what Mike and Cindy Richey in Ellington are doing. With the help of grants from the State, they have created "BrickenMore", a revolutionary—see "Manure" on pg. 2

Larry Hagman wasn't just in Oil

Larry Hagman may have played television's most famous evil oil baron, J.R. Ewing, but in real life the "Dallas" actor was a fierce proponent of solar energy.

"In the past, it was always about the oil," Mr. Hagman says in a TV commercial that was unveiled recently at the Intersolar conference in San Francisco. "The oil was flowing and so was the money. Too dirty. I quit it years ago," he growls as he saunters past a portrait of a grinning J. R. in younger days and a TV show-

ing images of an offshore oil rig and blackened waters.

Putting on a 10-gallon hat, he heads outside into the sunshine and gazes at a solar array on the roof of the house. "But I'm still in the energy business," he says. "There's always a better alternative."

Hagman told people the BP oil spill in the Gulf of Mexico energized him to go public with what had been a private passion.

The actor had already installed the world's largest residential

solar array, a 94-kilowatt system, on his estate in Ojai, Calif., and served on the board of the Solar Electric Light Fund, a non-profit that brings solar systems to the developing world.

He struck a deal with German solar manufacturer SolarWorld to shoot a commercial in exchange for a donation of photovoltaic panels to the Haiti relief effort following the devastating 2010 earthquake.

For the full story, go to:
<http://www.forbes.com/sites/toddwoody/2012/11/24/rip-larry>

CLEAN ENERGY OPTION FAQ'S

Q: Winter will soon be upon us. Can I still get a Home Energy Audit?

A. Yes. There is enough time to get an energy audit. For \$75 (\$50 if you are an Electric or Gas Heating Customer), a preapproved company will come out, change your incandescent bulbs, put in weather stripping and caulking and perform several other heat saving functions. Call 1-877-WISE-USE to schedule an audit today.

Q. On December 21, the next round of ZRECs will be launched. Is it something I should get participate in?

A. Possibly. If you or your business use up to \$2,000 worth of electricity a month, than this may be for you. Do you have lots of southern sun, contact us and we can help lead you in the right direction.

Q: I have a question that may be of interest to your readers. Is there a place where I can send it?

A. Yes. Send it to cleanenergy@enfield.org. We will be happy to answer

NU \$1.1 billion Northern Pass Transmission Project

What is this project? The project is designed to bring 1,200 megawatts of electricity generated by Hydro-Quebec in Canada into New Hampshire, where much of the power would then be sent to southern New England, which consumes much of the region's power.

There was an Edison Electric Institute financial conference in Arizona back on November 13 where Tom May, Northeast Utilities' Chief Executive Officer addressed the audience. "There is no project that has anywhere near this impact," May told conference attendees. "Many of you have heard about the Cape Wind Project; this (Northern Pass) has six to seven times the environmental value. It's a pretty big environmental impact and this has the support of every environmental group in New England, basically."

According to Jack Savage, a spokesman for the Society for the Protection of New Hampshire Forests (SPNHF), which is in the midst of a \$2.5 million fund raising campaign to acquire four large tracts in northern New Hampshire that would block the Northern Pass project, "He was either irresponsibly misinformed or fol-

lowing a pattern of wishful thinking that has become all too prevalent for Northeast Utilities." The society is in the midst of a \$2.5 million fund raising campaign to acquire four large tracts in northern New Hampshire that would block the Northern Pass project. Savage said his group already has raised \$1 million toward its goal of blocking the current route of Northern Pass, and will close on two of the four property conservation easements it needs within several weeks.

"A number of potential donors have suggested that it would be beneficial to them if we could push their gifts into 2013 and so we are doing that," he said, adding that SPNHF expects to reach the full \$2.5 million it needs sometime during the first three months of 2013.

So why should we be concerned? The heart of this project is the construction of a direct current (DC) transmission line that will bring up to 1,200 megawatts of hydroelectric power into the region, providing much-needed fuel diversity, lowering energy costs, and lessening our reliance on fossil fuels.

Looking forward, ISO New England is concerned about the

region's growing dependence on natural gas as the primary fuel used to generate electricity, the potential retirement of several of its existing power plants, its diminishing fuel diversity, and the performance of its energy resources under stressed operating conditions. In its 2010 Regional System Plan, ISO-NE notes New England's "high dependence on natural gas," and that diversification is necessary because the region continues to depend on natural gas for approximately 40 percent of its electric energy. This project will provide significant fuel diversity for New England, with up to a 20 percent reduction in dependence on natural gas. This, in turn, frees up natural gas for other uses. For example, the "freed up" gas that will result from this project is enough to heat and supply hot water for nearly a million homes.

Who is ISO New England? ISO New England is the company that protect the health of New England's economy and the well-being of its people by ensuring the constant availability of electricity, today and for future generations. ISO New England meets this obligation by ensuring the day-to-day reliable operation of New England's bulk power generation and transmission system.



Manure (continued from Pg 2)

way of turning horse manure into a bio fuel. They are making bricks and logs for your fireplace and soon plan to introduce pellets for stove.

The logs can be burned in your fireplace like Duraflame logs but without the issues of create creosote in your chimney. Surprisingly, there is no odor (although the Richey's are starting to add fragrances for special effects). Currently, thier products are available at their store on Industrial Park

Rd in Ellington or at McQuades Supermarket in Mystic, soon they hope to be in area Agway's. With their current facility, they process 20 tons a day with the capability of 40 tons. But with over 1,700 tons a day produced just in Connecticut, they are looking for a bigger location.

If you would like to learn more about Brickenmore, visit their website at www.eaglevalleyecofuelinc.com



or stop by the North Central Connecticut Energy Expo on Saturday February 9, 2013 at JFK Middle School - 155 Raffia Road, Enfield.